



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventors: Edward C. McKinney, Jr.; Charles E. Taylor;  
Jim L. Lee

Appl. No.: 10/074,827

Confirm. No.: 8062

Filed: February 12, 2002

Title: ELECTRO-KINETIC AIR TRANSPORTER-CONDITIONER  
WITH NON-EQUIDISTANT COLLECTOR ELECTRODES

PATENT APPLICATION

Art Unit: 1741

Examiner: Unassigned

Customer No. 23910

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to **Box Missing Parts, Commissioner for Patents, Washington, DC 20231**, on **June 6, 2002**.

Sheldon R. Meyer, Reg. No. 27,660  
Signature Date: June 6, 2002

(Attorney Signature)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents  
Box Missing Parts  
Washington, DC 20231

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

**Enclosed with this statement are the following:**

- ✓ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ✓ A copy of each cited document as required by 37 C.F.R. §1.98. Copies are not submitted of documents previously submitted by the applicant in a parent application from which benefit under 35 U.S.C. §120 is claimed, 37 C.F.R. §1.98(d)(1), with an information disclosure statement submitted in the parent application which complies with the Sept. 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c). If any of the cited/submitted documents is in a foreign language, a concise explanation

of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

***This statement should be considered because:***

✓ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:


- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);  
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;  
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,  
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

✓ ***Fee Authorization.*** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

FLIESLER DUBB MEYER & LOVEJOY LLP

Date: June 6, 2002

By:   
Sheldon R. Meyer  
Reg. No. 27,660

FLIESLER DUBB MEYER & LOVEJOY LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, California 94111-4156  
Telephone: (415) 362-3800  
Facsimile: (415) 362-2928



Form PTO-1449 (Substitute)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number <b>SHPR-01041USQ</b>	Serial/Patent Number <b>10/074,827</b>
	Applicant/Patent Owner <b>Edward C. McKinney, Jr., et al.</b>		
	Filing/Issue Date <b>February 12, 2002</b>	Group Art Unit <b>1741</b>	

### U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	1.	2,327,588	Aug. 24, 1943	Bennett	315	326	Jun. 1, 1940
	2.	3,981,695	Sep. 21, 1976	Fuchs	96	77	Nov. 2, 1973
	3.	3,984,215	Oct. 5, 1976	Zucker	95	81	Jan. 8, 1975
	4.	4,227,894	Oct. 14, 1980	Proynoff	96	58	Oct. 10, 1978
	5.	4,477,263	Oct. 16, 1984	Shaver et al.	95	7	Jun. 28, 1982
	6.	4,496,375	Jan. 29, 1985	Le Vantine	96	66	Jun. 14, 1983
	7.	4,643,745	Feb. 17, 1987	Sakakibara et al.	96	76	Dec. 17, 1984
	8.	4,713,724	Dec. 15, 1987	Voelkel	361	231	Jun. 30, 1986
	9.	4,789,801	Dec. 6, 1988	Lee	310	308	Apr. 3, 1987
	10.	4,811,159	Mar. 7, 1989	Foster, Jr.	361	231	Mar. 1, 1988
	11.	4,941,068	Jul. 10, 1990	Hofmann	361	231	Aug. 1, 1988
	12.	5,024,685	Jun. 18, 1991	Torok et al.	96	43	Jun. 30, 1988
	13.	5,141,529	Aug. 25, 1992	Oakley et al.	95	57	Jun. 28, 1990
	14.	5,215,558	Jun. 1, 1993	Moon	96	62	Jun. 11, 1991
	15.	5,316,741	May 31, 1994	Sewell et al.	422	186.21	May 30, 1991
	16.	5,484,472	Jan. 16, 1996	Weinberg	96	26	Feb. 6, 1995
	17.	5,535,089	Jul. 9, 1996	Ford et al.	361	231	Oct. 17, 1994
	18.	5,601,636	Feb. 11, 1997	Glucksman	96	63	May 30, 1995
	19.	5,656,063	Aug. 12, 1997	Hsu	95	58	Jan. 29, 1996
	20.	5,702,507	Dec. 30, 1997	Wang	96	55	Sep. 17, 1996
	21.	5,779,769	Jul. 14, 1998	Jiang	96	55	Oct. 24, 1995
	22.	5,911,957	Jun. 15, 1999	Khatchatrian et al.	422	186.07	Oct. 23, 1997



### U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	23. 5,975,090	Nov. 2, 1999	Taylor et al.	132	116	Sep. 29, 1998
	24. 6,126,722	Oct. 3, 2000	Mitchell et al.	95	57	Jul. 28, 1998
	25. 6,152,146	Nov. 28, 2000	Taylor et al.	132	116	Jun. 25, 1999
	26. 6,163,098	Dec. 19, 2000	Taylor et al.	310	308	Jan. 14, 1999
	27. 6,176,977	Jan. 23, 2001	Taylor et al.	204	176	Nov. 5, 1998
	28. 6,182,671	Feb. 6, 2001	Taylor et al.	132	116	Oct. 8, 1999

### U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant

### PENDING U.S. PATENT APPLICATIONS

Examiner Initial	Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No
	29. 09/197,131	Nov. 20, 1998	Taylor et al.	X
	30. 10/023,197	Dec. 13, 2001	Taylor et al.	X
	31. 10/023,460	Dec. 13, 2001	Taylor et al.	X
	32. 10/074,209	Feb. 12, 2002	Taylor et al.	X
	33. 10/074,207	Feb. 12, 2002	Taylor et al.	X
	34. 10/074,208	Feb. 12, 2002	Taylor	X
	35. 10/074,339	Feb. 12, 2002	Taylor et al.	X
	36. 10/074,827	Feb. 12, 2002	McKinney, Jr., et al.	X
	37. 10/074,549	Feb. 12, 2002	Sinaiko et al.	X
	38. 10/074,103	Feb. 12, 2002	Sinaiko et al.	X
	39. 10/074,096	Feb. 12, 2002	Taylor et al.	X
	40. 10/074,347	Feb. 12, 2002	Taylor et al.	X
	41. 10/074,379	Feb. 12, 2002	Taylor et al.	X



FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes   No
OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)							
	42.	"Zenion Elf Device", drawing, prior art, 1 page.					
	43.	Electrical Schematic and promotional material available from Zenion Industries, 7 pages, August 1990.					
	44.	Promotional material available from Zenion Industries for the Plasma-Pure 100/200/300, 2 pages, August 1990.					
	45.	Promotional material available from Zenion Industries for the Plasma-Tron, 2 pages, August 1990.					
Examiner				Date Considered			
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							
<p>*1 = Copy not submitted because it was submitted in prior application SN <u>  </u> / <u>  </u>, filed <u>  </u>, 20<u>  </u>, relied on under 35 USC §120.</p>							
<p>*2 = Copy not submitted because it was submitted in prior application SN <u>  </u> / <u>  </u>, filed <u>  </u>, 20<u>  </u>, relied on under 35 USC §120.</p>							